The Program of the 10th OCPA Accelerator School

TIME	Monday 23 July	Tuesday 24 July	Wednesday 25 July	Thursday 26 July	Friday 27 July	Saturday 28 July	Sunday 29 July	Monday 30 July	Tuesday 31 July	Wednesday 1 August
08:00 - 09:00	Welcome & S1: overview of accelerators in NSRRC	B2: Synchrotron radiation	B4:Longitudinal dynamics	B6:FEL principle		T5:Insertion device	T9:Beamline technology	A1:Accelerator technology application	A2: Heavy ion accelerator and electron cooling	S5:Science of VUV FEL facility in Dalian
09:00 - 10:00	B1:Introduction to particle accelerators	B2: Synchrotron radiation	T1: RF system	T2:Electron source & linac accelerator		T6:Beam control	T10: Cryogenics system	A1:Accelerator technology application	A2: Heavy ion accelerator and electron cooling	S6:Overall of Shanghai FEL project
10:00-10:15	**Break**					**Break**				
10:15 - 11:15	B1:Introduction to particle accelerators	B2: Synchrotron radiation	T1: RF system	T2:Electron source & linac accelerator		T6:Beam control	T10: Cryogenics system	T12:Power supply	A3:Accelerator design for carbon therapy	S7: SSRF Phase-II beamline
11:15 - 12:15	B1:Introduction to particle accelerators	B3:Transverse dynamics	B5:Impedance and collective effects	T3:Beam diagnostics		T7: Magnet system	T11:RFQ design	T12:Pulse power supply	A3:Accelerator design for carbon therapy	Awards & closing
12:15-14:00	**Lunch**				**Cultural guide**	**Lunch**				
14:00 - 15:00	NSRRC accelerator tour	B3:Transverse dynamics	B5:Impedance and collective effects	T3:Beam diagnostics		T7: Magnet system	T11:RFQ design	T13:Radiation protection	E: Exam	**Departure**
15:00 - 16:00	**Leave for Kaohsiung**	B3:Transverse dynamics	B5:Impedance and collective effects	T4:Vacuum system		T8:Injection and extraction	B7:Lattice design	T13:Radiation protection		
16:00-16:15		**Break**				Break				
16:15 - 17:15		B4:Longitudinal dynamics	B6:FEL principle	T4:Vacuum system		T8:Injection and extraction	B7:Lattice design	T14:Mechanical survey & alignment		
17:15 - 18:15		B4:Longitudinal dynamics	B6:FEL principle	T5:Insertion device		T9:Beamline technology	B7:Lattice design	T14:Mechanical survey & alignment	S2: Hefei advanced light source (HALS)	
18:30	**Dinner**				**Banquet**	Office hours and discussion	**Dinner**			
20:00 - 21:00	Office hours and discussion	Office hours and discussion	Office hours and discussion	Office hours and discussion			Lattice design by using computer	Lattice design by using computer	S3: High energy photon source (HEPS)	
21:00 - 22:00	Assignment and homework	Assignment and homework	Assignment and homework	Assignment and homework		Assignment and homework	Lattice design by using computer	Assignment and discussion	S4:THz & VUV FEL in NSRRC	